

NORTHERN LAKE SERVICE, INC.  
Analytical Laboratory and Environmental Services  
400 North Lake Avenue - Crandon, WI 54520  
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## ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460  
WDATCP Laboratory Certification No. 105-330  
EPA Laboratory ID No. WI00034

Printed: 06/27/14 Code: NNNN-S Page 1 of 1

Client: Bad River Water & Sewer Dept  
Attn: Pat Hunt  
Firehall  
PO Box 39  
Odanah, WI 54861 0039

NLS Project: 221482

NLS Customer: 02130

Fax: 715 682 7775 Phone: 715 685 7878  
PO # 158495

Project: Low Level Mercury

**Birch Hill Lagoon Effluent, Grab NLS ID: 798578**

COC: 174723:1 Matrix: WW

Collected: 06/23/14 13:00 Received: 06/24/14

Parameter	Result	Units	Dilution	LOD	LOQ	Analyzed	Method	Lab
Mercury, Ultra Low Level	3.5	ng/L	2	0.40	1.0	06/26/14	EPA 1631E	721026460
Method Blank 1= 0.23 ng/L, Method Blank 2= <0.20 ng/L, Method Blank 3= <0.20 ng/L								
OPR 1= 104 %, OPR 2= 91 %.								
Sample required 2x Bromine Monochloride digestion solution. A 2x dilution of the sample was performed to prevent foaming and instrument contamination.								

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(\*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection      LOQ = Limit of Quantitation      ND = Not Detected (< LOD)      1000 ug/L = 1 mg/L  
DWB = Dry Weight Basis      NA = Not Applicable      %DWB = (mg/kg DWB) / 10000  
MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by:



Authorized by:  
R. T. Krueger  
President